

## **STIC Biotechnology Systems Branch**

### **RAW SEQUENCE LISTING**

### **ERROR REPORT**

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/721,047  
Source: IFWO  
Date Processed by STIC: 03/15/2006

**THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.**

**PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:**

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

**FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221**

**TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.4.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:**

**<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>**

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , **EFS Submission User Manual - ePAVE**)
2. **U.S. Postal Service:** Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. **Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05):**  
U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314

Revised 01/10/06

## Raw Sequence Listing Error Summary

### ERROR DETECTED

### SUGGESTED CORRECTION

SERIAL NUMBER:

10/721,047

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

- 1        Wrapped Nucleics  
    Wrapped Aminos     The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor **after** creating it. Please adjust your right margin to .3; this will prevent "wrapping."
  
- 2        Invalid Line Length     The rules require that a line **not exceed** 72 characters in length. This includes white spaces.
  
- 3        Misaligned Amino  
    Numbering     The numbering under each 5<sup>th</sup> amino acid is misaligned. Do **not** use tab codes between numbers; use **space characters**, instead.
  
- 4        Non-ASCII     The submitted file was **not** saved in ASCII(DOS) text, as **required** by the Sequence Rules. **Please ensure your subsequent submission is saved in ASCII text.**
  
- 5        Variable Length     Sequence(s)        contain n's or Xaa's representing more than one residue. **Per Sequence Rules, each n or Xaa can only represent a single residue.** Please present the **maximum** number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.
  
- 6        PatentIn 2.0  
    "bug"     A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s)       . Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. **This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.**
  
- 7        Skipped Sequences  
    (OLD RULES)     Sequence(s)        missing. If intentional, please insert the following lines for **each** skipped sequence:  
                          (2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)  
                          (i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading)  
                          (xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)  
                          This sequence is intentionally skipped  
                          Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to **include** the skipped sequences.
  
- 8        Skipped Sequences  
    (NEW RULES)     Sequence(s)        missing. If **intentional**, please insert the following lines for **each** skipped sequence.  
                          <210> sequence id number  
                          <400> sequence id number  
                          000
  
- 9        Use of n's or Xaa's  
    (NEW RULES)     Use of n's and/or Xaa's have been detected in the Sequence Listing.  
                          Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present.  
                          In <220> to <223> section, please explain location of **n** or **Xaa**, and which residue **n** or **Xaa** represents.
  
- 10        Invalid <213>  
    Response     Per 1.823 of Sequence Rules, the only **valid** <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). **<220>-<223> section is required when <213> response is Unknown or is Artificial Sequence.** (see item 11 below)
  
- 11        Use of <220>     Sequence(s)        missing the <220> "Feature" and associated numeric identifiers and responses. Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section or use "chemically synthesized" as explanation. (See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32), also Sec. 1.823 of Sequence Rules
  
- 12        PatentIn 2.0  
    "bug"     Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.
  
- 13        Misuse of n/Xaa     "n" can **only** represent a single nucleotide; "Xaa" can **only** represent a single amino acid



IFWO

## RAW SEQUENCE LISTING

DATE: 03/15/2006

PATENT APPLICATION: US/10/721,047

TIME: 11:27:14

Input Set : A:\020444-000110US.ST25.txt

Output Set: N:\CRF4\03152006\J721047.raw

3 <110> APPLICANT: Target Discovery, Inc.  
 4 Schneider, Luke V.  
 5 Peterson, Jeffery N.  
 6 Hall, Michael P.  
 7 Petesch, Robert  
 9 <120> TITLE OF INVENTION: Polypeptide Fingerprinting Methods and Bioinformatics  
 Database System

11 <130> FILE REFERENCE: 020444-000110US  
 13 <140> CURRENT APPLICATION NUMBER: US 10/721,047  
 14 <141> CURRENT FILING DATE: 2003-11-21  
 16 <150> PRIOR APPLICATION NUMBER: US 09/513,907  
 17 <151> PRIOR FILING DATE: 2000-02-25  
 19 <150> PRIOR APPLICATION NUMBER: US 60/130,238  
 20 <151> PRIOR FILING DATE: 1999-04-20  
 22 <160> NUMBER OF SEQ ID NOS: 5  
 24 <170> SOFTWARE: PatentIn version 3.1

26 <210> SEQ ID NO: 1  
 27 <211> LENGTH: 12  
 28 <212> TYPE: PRT  
 29 <213> ORGANISM: 1425.7 Da peptide  
 31 <400> SEQUENCE: 1  
 33 His Ser Asp Ala Val Phe Thr Asp Asn Tyr Thr Arg  
 34 1 5 10

37 <210> SEQ ID NO: 2  
 38 <211> LENGTH: 6  
 39 <212> TYPE: PRT  
 40 <213> ORGANISM: Glycogen Phosphorylase  
 42 <400> SEQUENCE: 2  
 44 Ser Arg Pro Leu Ser Asp  
 45 1 5

48 <210> SEQ ID NO: 3  
 49 <211> LENGTH: 4  
 50 <212> TYPE: PRT  
 51 <213> ORGANISM: Bradykinin  
 53 <400> SEQUENCE: 3  
 55 Arg Pro Pro Gly  
 56 1

59 <210> SEQ ID NO: 4  
 60 <211> LENGTH: 5  
 61 <212> TYPE: PRT  
 62 <213> ORGANISM: Bradykinin  
 64 <400> SEQUENCE: 4  
 66 Arg Pro Pro Gly Phe  
 67 1 5

Does Not Comply  
 Corrected Diskette Needed

Cp9-1,27

Invalid Response. <213> Response  
 Can be either Artificial,  
 Unknown or Genus Species.  
 See Item 10 on  
 Error Summary sheet.

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Input Set : A:\020444-000110US.ST25.txt

Output Set: N:\CRF4\03152006\J721047.raw

70 &lt;210&gt; SEQ ID NO: 5

71 &lt;211&gt; LENGTH: 6

72 &lt;212&gt; TYPE: PRT

73 &lt;213&gt; ORGANISM: Bradykinin

75 &lt;400&gt; SEQUENCE: 5

77 Arg Pro Pro Gly Phe Ser

78 1 5

*Same error*

**VERIFICATION SUMMARY**

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Input Set : A:\020444-000110US.ST25.txt

Output Set: N:\CRF4\03152006\J721047.raw